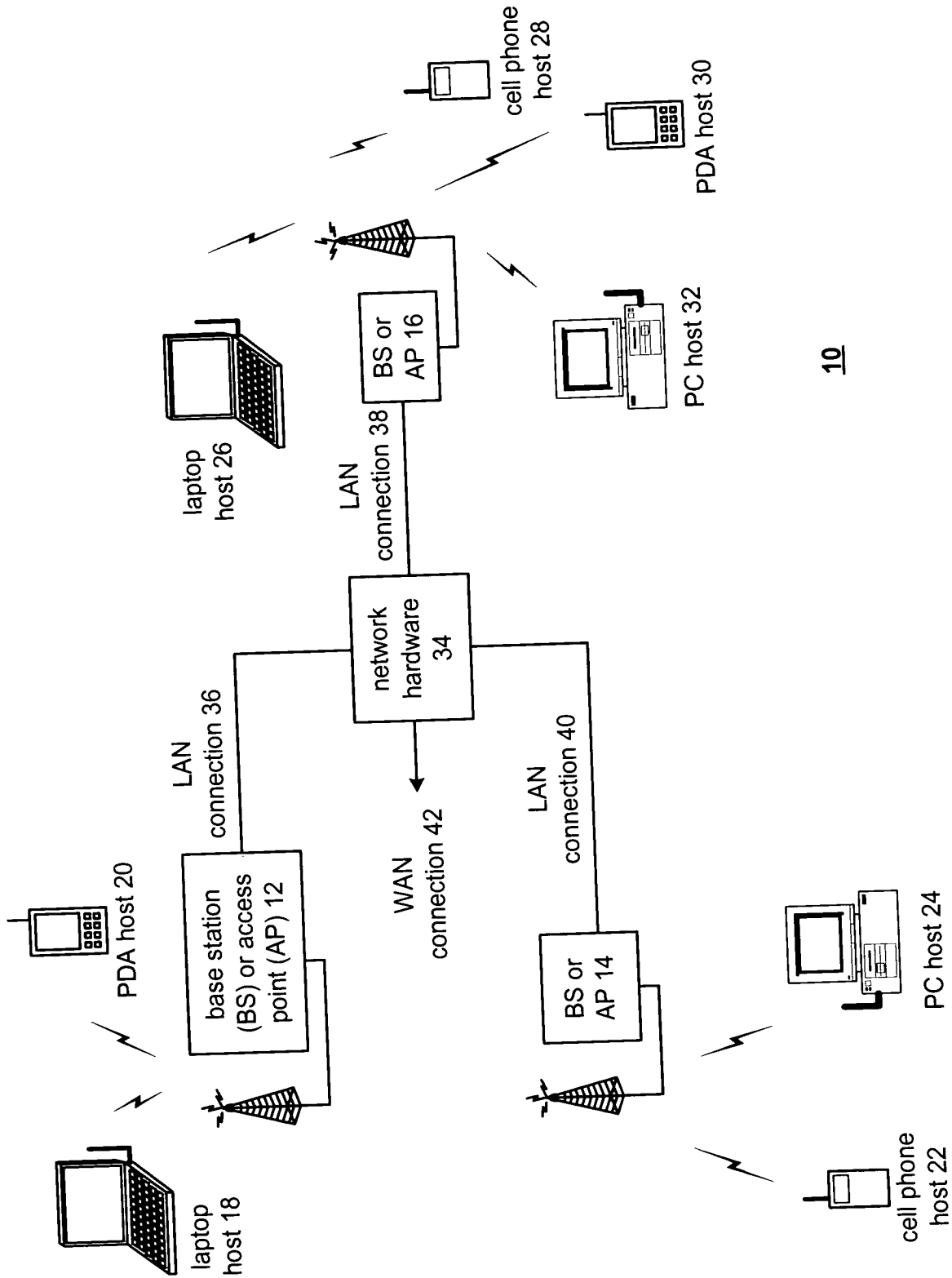


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FIG. 1

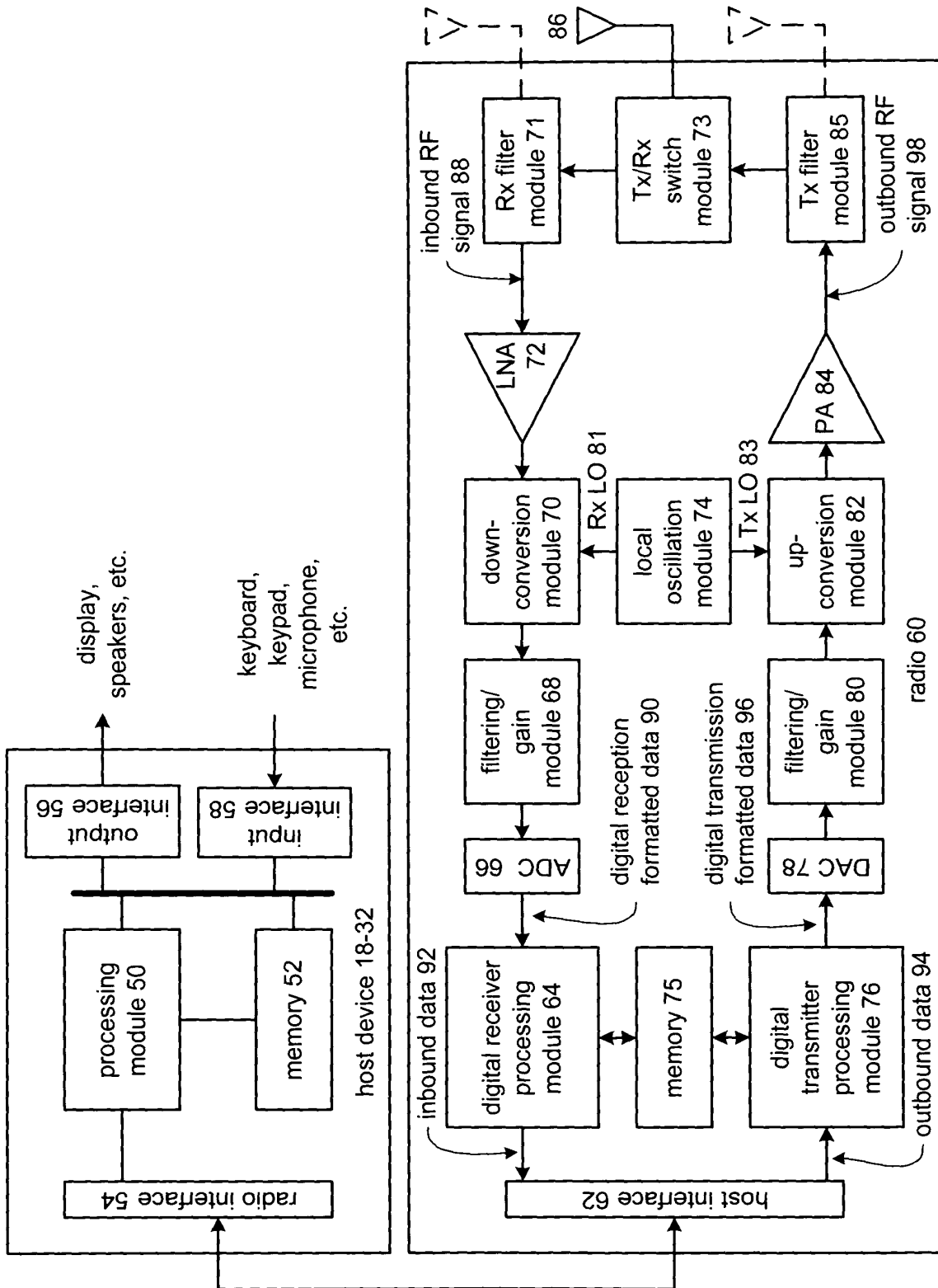


FIG. 2

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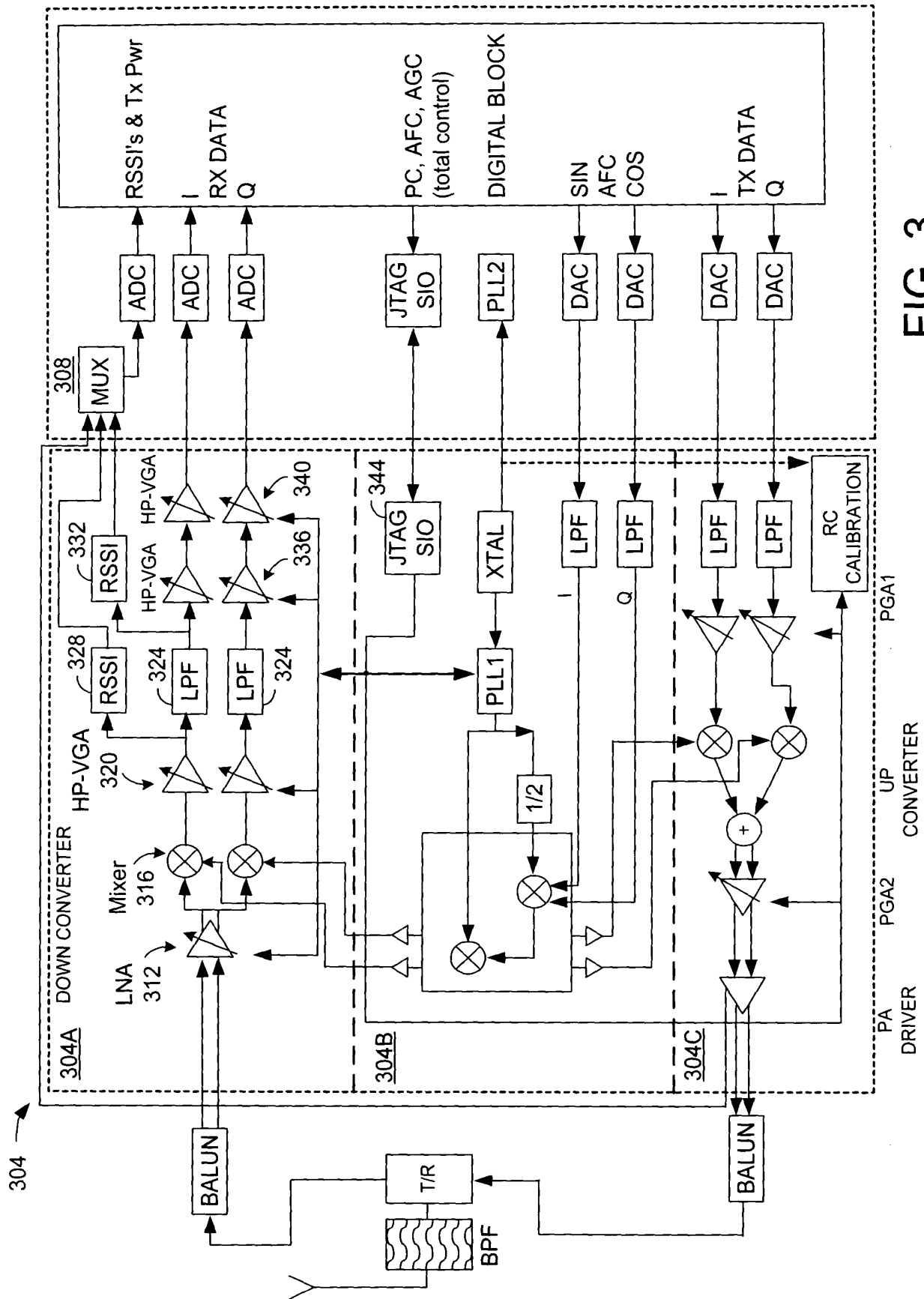


FIG. 3

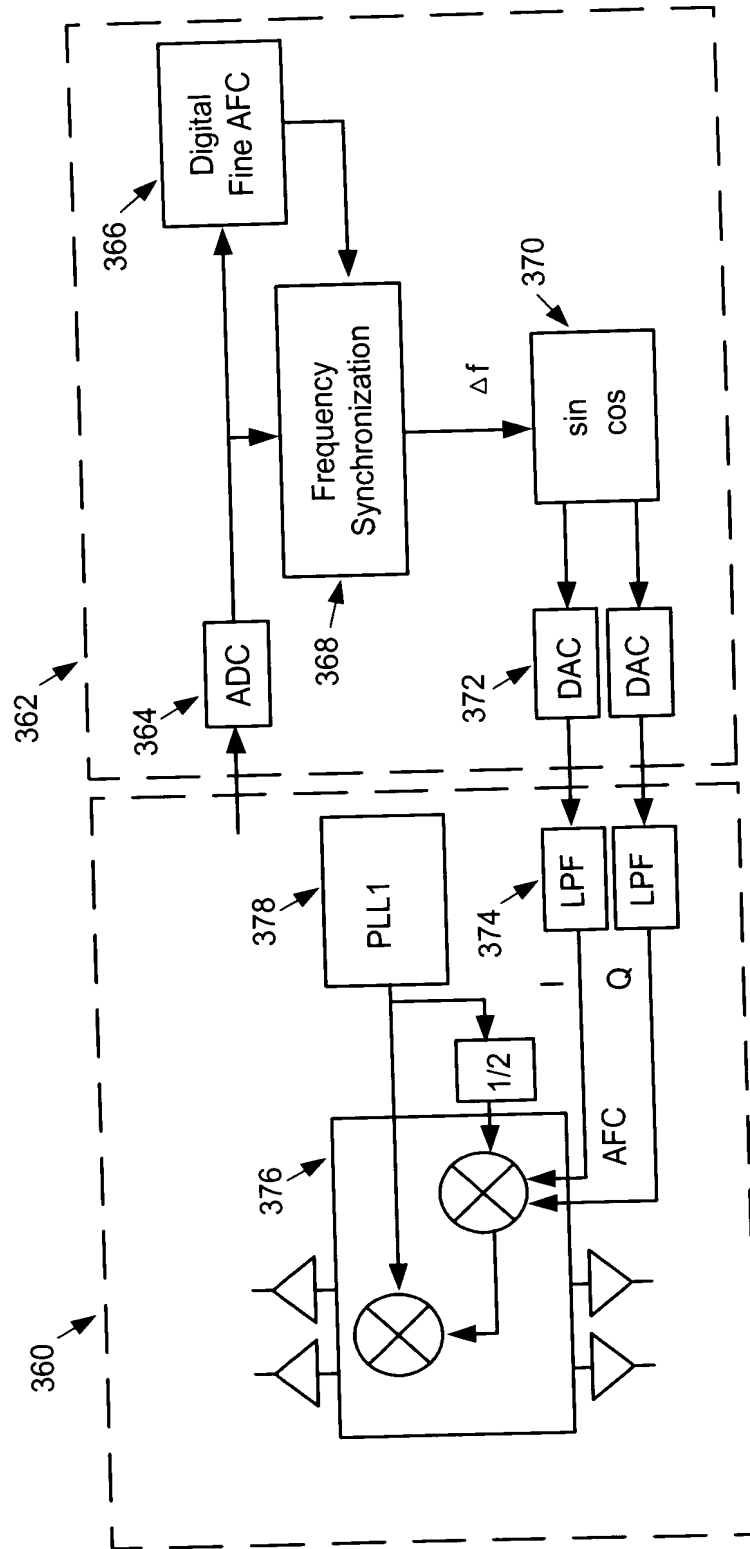


FIG. 4

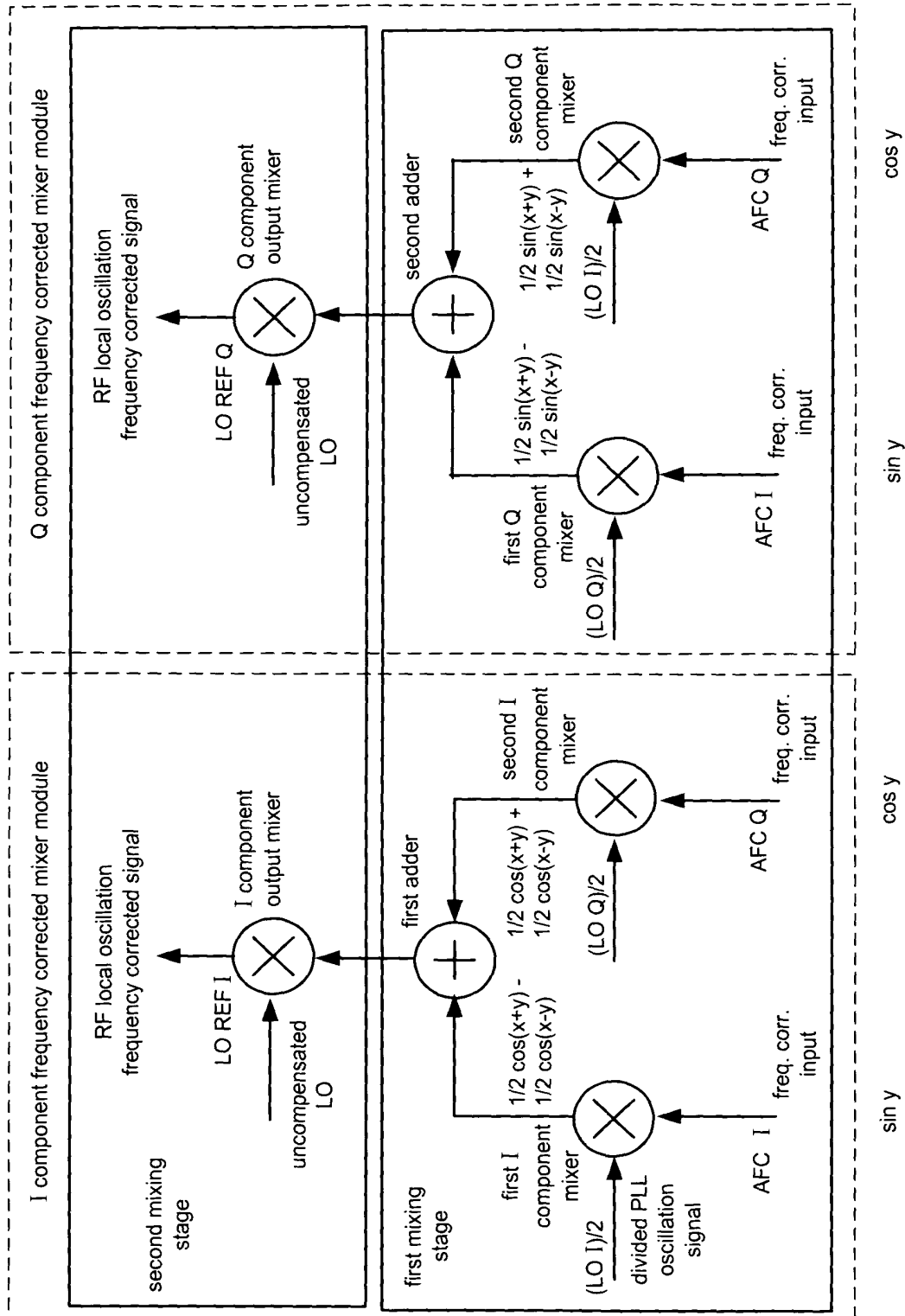


FIG. 5 frequency correction stage

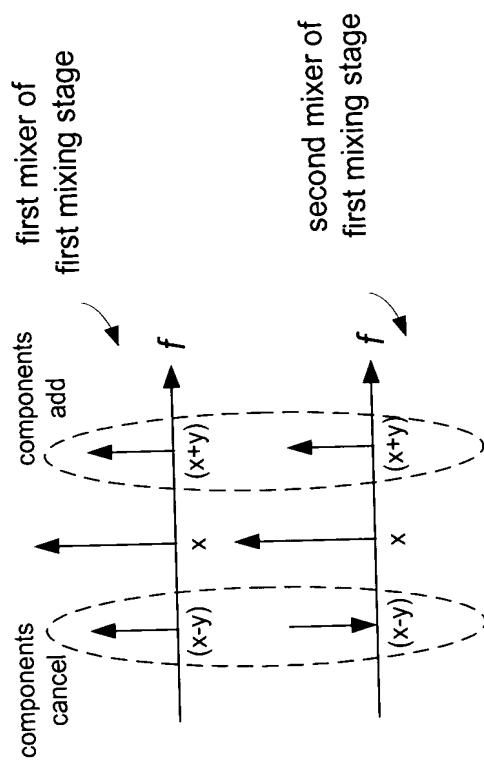


FIG. 6

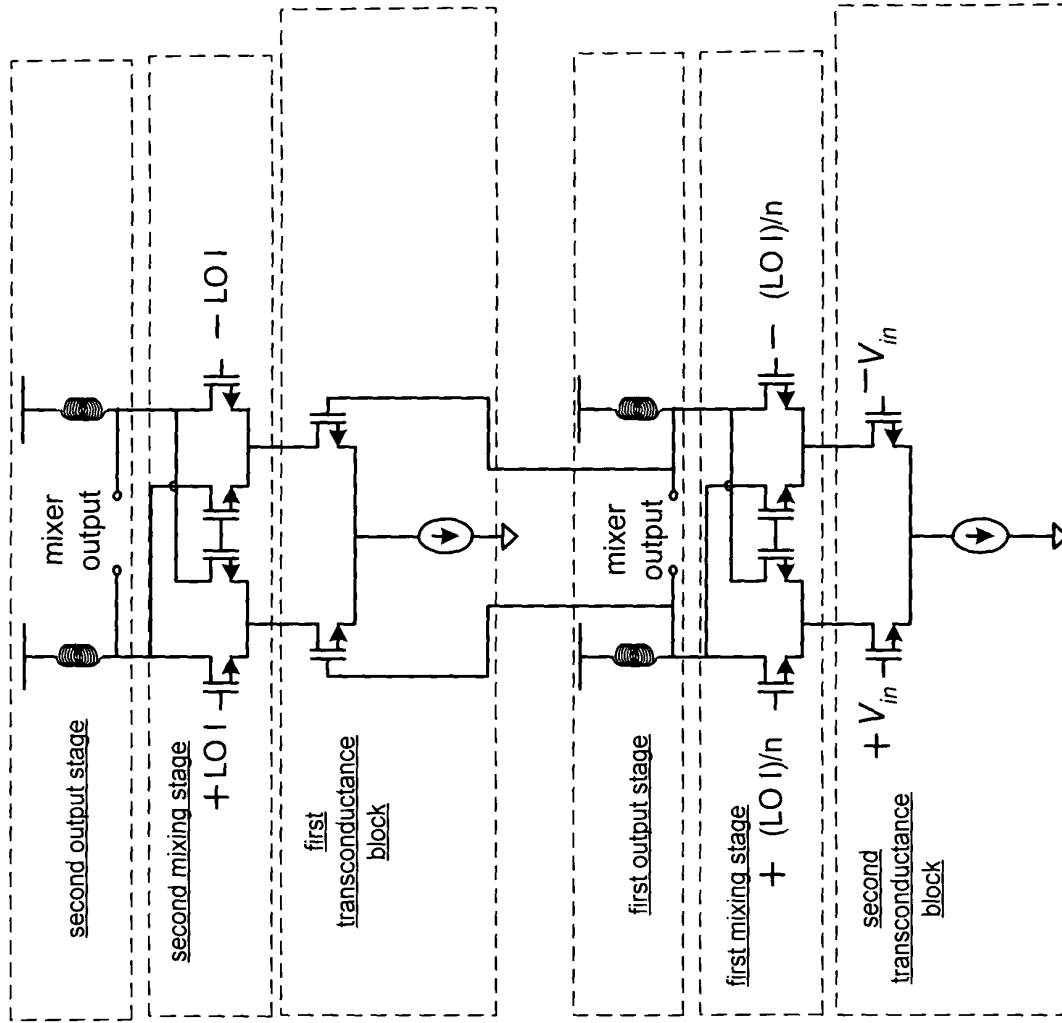


FIG. 7

alternative frequency mixer module

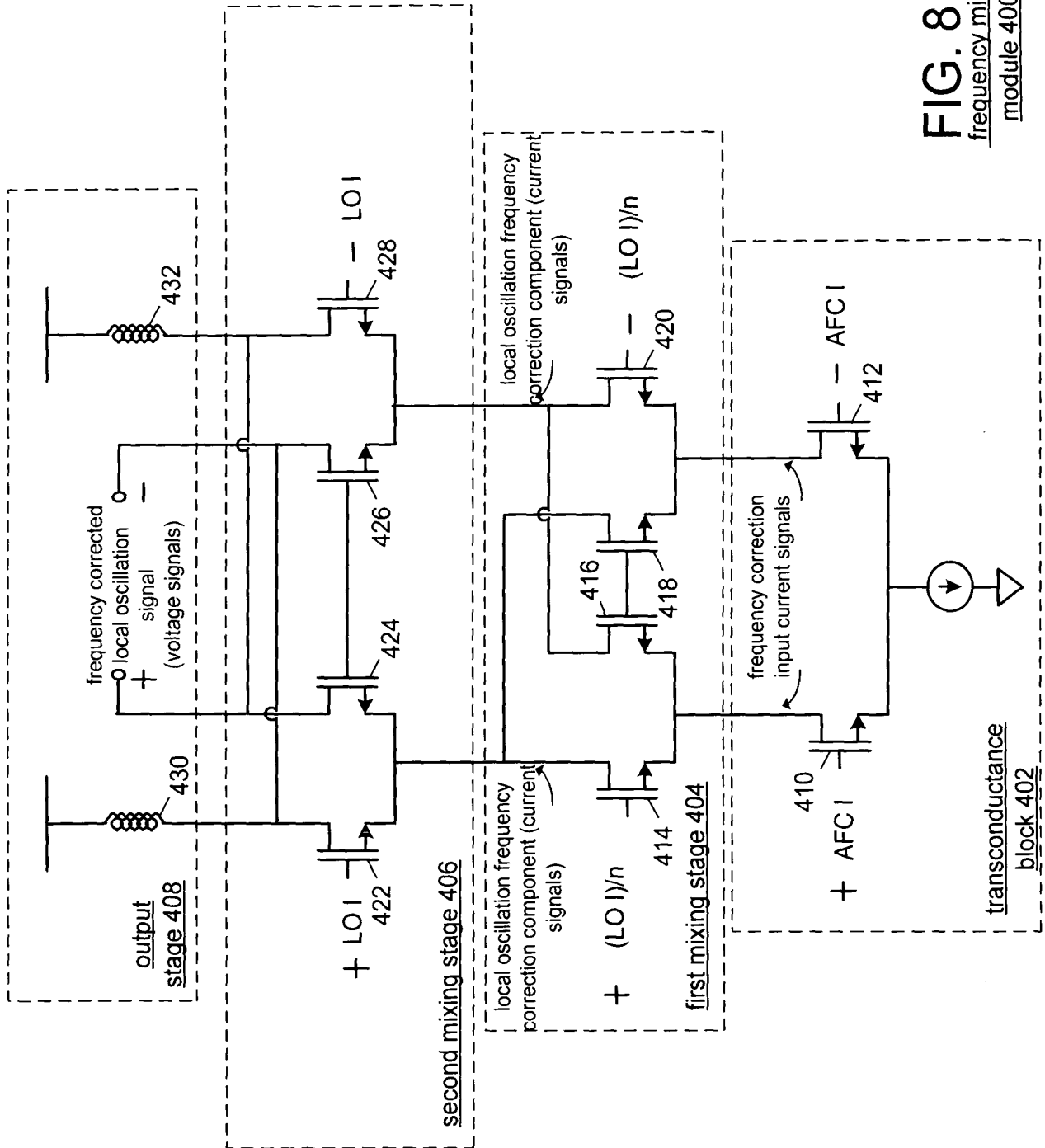


FIG. 8
frequency mixer
module 400

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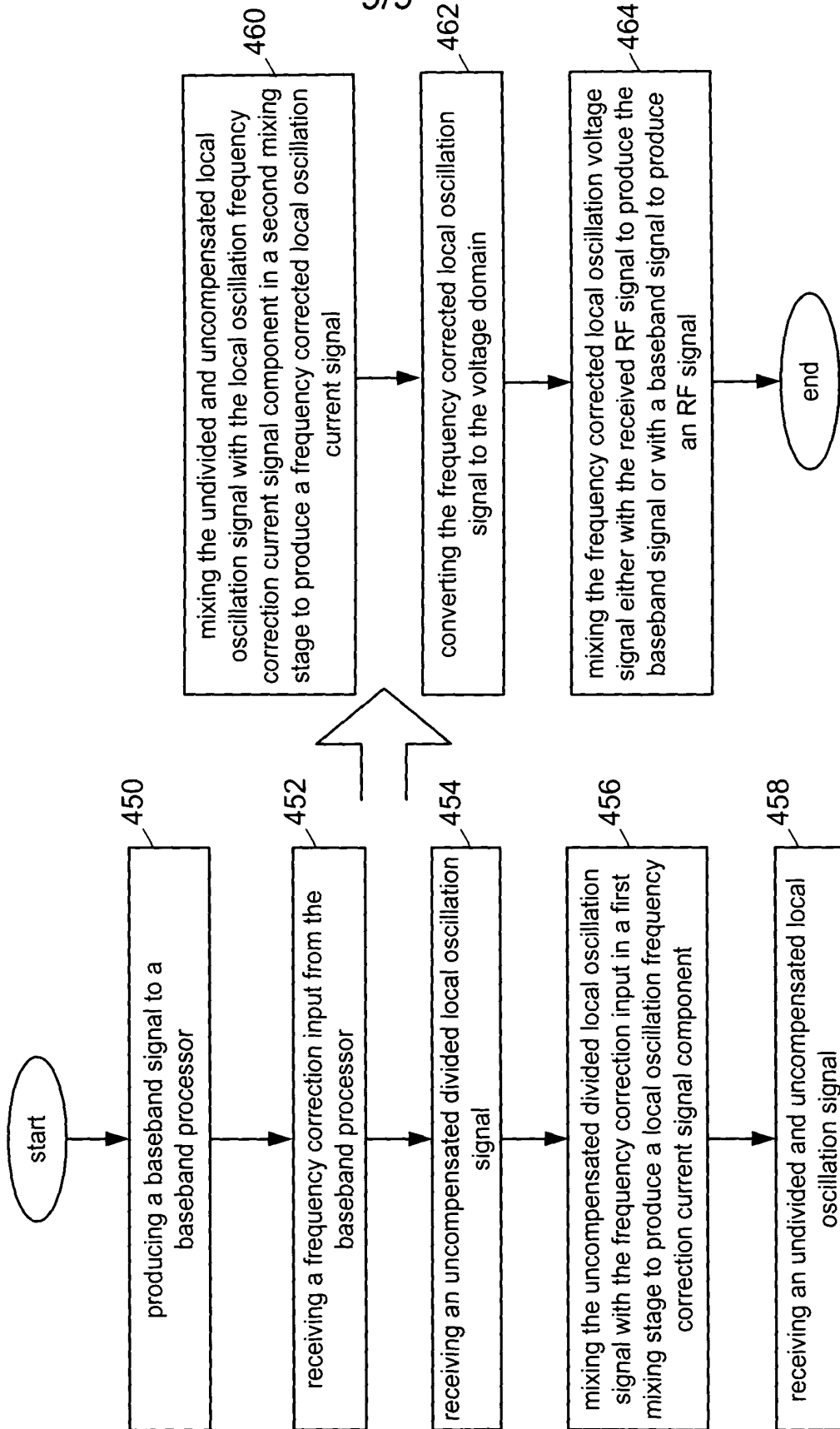


FIG 9